

METHOD AND SYSTEM FOR MANUFACTURE OF PARTS

ABSTRACT

5           The present invention discloses a method and system comprised of a combination of submethods and subsystems relating to the manufacture of parts. By these submethods and subsystems, the present invention discloses using part data, machine data, and tool data to create a recipe for the production of a part. Also included in the recipe is an optimal combination of machine and tooling derived from a database of machine and tooling performance measurements. Further included in the recipe are a process plan and production settings. A party can select or create a vendor by using the recipe and a database of vendor information. Also disclosed by the present invention is monitoring of the machining setup and production to ensure manufacture of the part according to the recipe. The present invention can be implemented in numerous methods and systems, including sales of the recipe and licensing of the part production according to the recipe.

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